APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7

New Arc Welding Process for Cast Iron, by K. K. Khrenov and F. S. Vol'fovskaya, UNCLASSIFIED

Avtogennoe Delo, Vol 23, 1952, No 1, pp 3-6.

Brutcher Order No 2919

Scientific - Metallurgy, welding, iron

February 1953

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7

Flash Butt Welding of Different Metals, by G. V. Nedzvetskiy.

RUSSIAN, per, Avtogennoye Delo, Vol XXIII, No 1, 1952, pp 14-16.

DSIR LLU RTS 1641

Sci - Engr

Oct 60

130,740

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7

Temperature Distribution in the Welding Flame and Its Effect on Cracking in Thin Chromansil, by N. N. Rykalin, M. Kh. Shorshorov.

RUSSIAN, per, Avto Delo, Vol XXIII, No 2, 1952.

B.S.A. Res Group
OT/1322

Sci - Engineering, ~~Micrometallurgy/Metals~~

30,050

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7

Argon-Arc Welding for Duraluminum, by Engr F. E. Tretyakov, 12 pp. UNCLASSIFIED

Full translation.

RUSSIAN, mo per, Avto Delo, No 2, Feb 1952, pp 10-13.

AMC F-TS-7843

Scientific - Engineering, minerals, metals, welding, Duraluminum

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7

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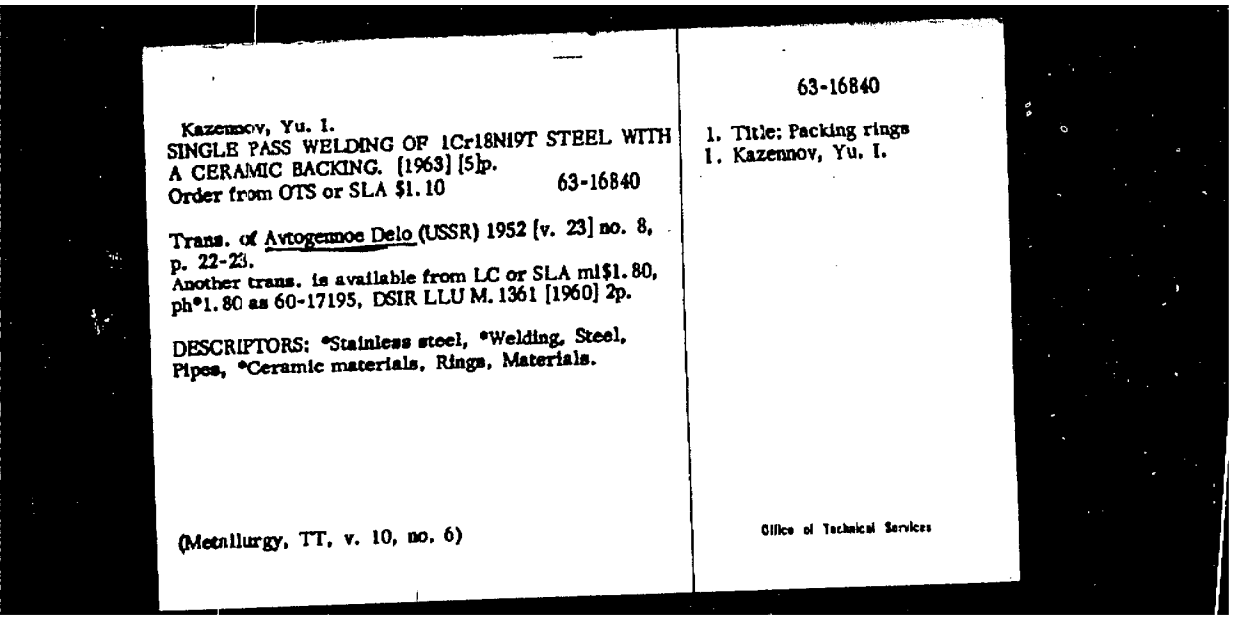

Kazennov, Yu. I.
SINGLE PASS WELDING OF 1Cr18Ni9T STEEL WITH A CERAMIC BACKING. [1963] [5]p.
Order from OTS or SLA $1.10 63-16840

Trans. of Avtogennoe Delo (USSR) 1952 [v. 23] no. 8, p. 22-23.
Another trans. is available from LC or SLA ml$1.80, ph*1.80 as 60-17195, DSIR LLU M. 1361 [1960] 2p.

DESCRIPTORS: *Stainless steel, *Welding, Steel, Pipes, *Ceramic materials, Rings, Materials.

(Metallurgy, TT, v. 10, no. 6)

63-16840

1. Title: Packing rings
I. Kazennov, Yu. I.

Office of Technical Services

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7

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Problems Associated With the Weldability of Metals, by N. N. Novozhilov.

per,
RUSSIAN,/Avto Delo, Vol XXIII, No 8, 1952.

B.S.A. Res Group
OT/1324

Sci - Engineering, ~~Materials, Metals~~

30,074

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7

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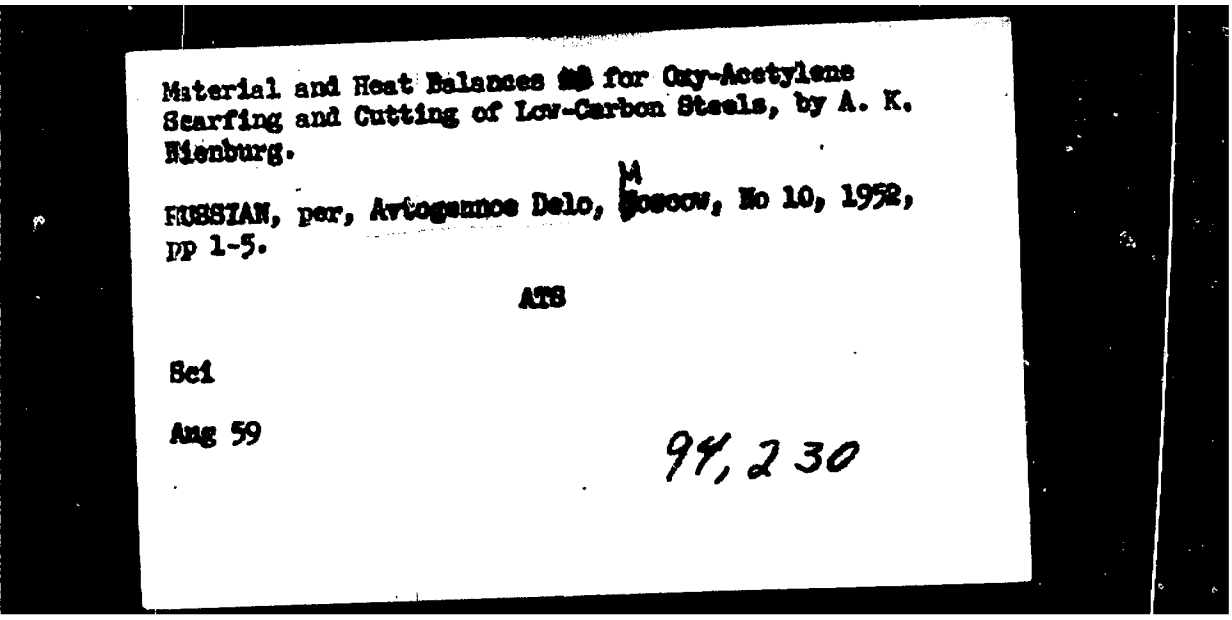

Material and Heat Balances for Oxy-Acetylene Scarfing and Cutting of Low-Carbon Steels, by A. K. Rienburg.

RUSSIAN, per, Avtogennoe Delo, Moscow, No 10, 1952, pp 1-5.

ATS

Sci

Aug 59

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APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7

Petrov, A. B.
THE EFFECT OF THE IMPURITIES IN ARGON ON THE QUALITY OF ARGON-ARC WELDS. [1962] [18]p.
Order from OTS or SLA $1.60 62-20159

Trans. of Avtogennoe Delo (USSR) 1952, v. 23, no. 9, p. 5-8.

DESCRIPTORS: *Argon, Impurities, *Arc welds, Aluminum alloys, Quality control

(Metallurgy, TT, v. 9, no. 11)

62-20159

I. Petrov, A. B.

Office of Technical Services

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7

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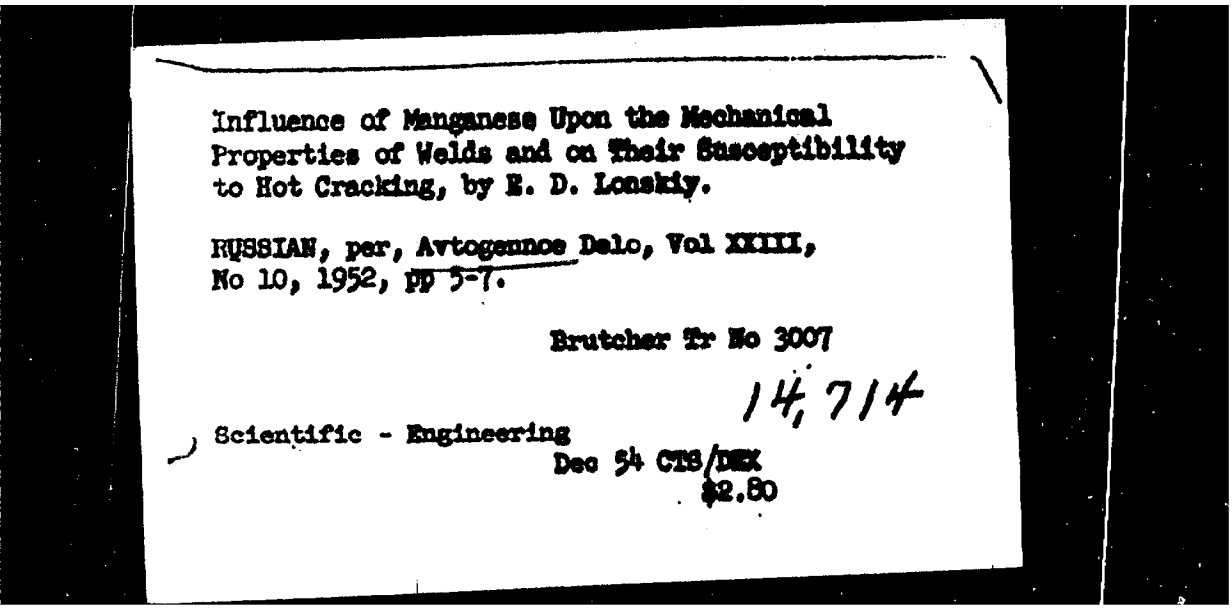

Influence of Manganese Upon the Mechanical Properties of Welds and on Their Susceptibility to Hot Cracking, by E. D. Lonskiy.

RUSSIAN, per, Avtogennoe Delo, Vol XXIII, No 10, 1952, pp 5-7.

Brutcher Tr No 3007

14,714

Scientific - Engineering

Dec 54 CTS/DEK

$2.80

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7

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On the Problem of the Most Favorable Calcium Carbonate Content in Electrode Coatings, by V. A. Lapidus,

RUSSIAN, mo per, Avtogennoye Delo, Vol XXIII, No 11, 1952, pp 10-13

Brutcher Tr 3225

OTS 63-20760

10,451

SMU
Sci - Min/Metals
CNS/nEX

Price $4.90

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7

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Welding With a Consumable Electrode in an Atmosphere of Protective Gases, by K. V. Lyubavskii, N. M. Novoshilov

RUSSIAN, per, Avto Delo, Vol XXIV, No 1, 1953, pp 4-8.

Brutcher Tr 3140

Scientific - Minerals/Metals
CTS/DEX Price $5.90

7855

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7

Submerged Automatic Arc Welding With Several Electrodes Simultaneously, by V. S. Volodin

Full translation.

RUSSIAN, per, Avto Delo, Vol XXIV, No 2, 1953, pp 25-26.

Brutcher Tr No 3016

Jul 53 CTS/DEX

Scientific - Engineering Price $2.50 3504

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7

The Effect of the Type of Joints and Welding Techniques on the Incidence of Hot Cracking in Welds, by K. V. Bagryanskiy.

RUSSIAN, per, Avto Delo, Vol XXIV, No 3, 1953.

B.S.A. Research Group
OT/1325

Sci - Engineering, ~~Automobiles/Metals~~

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Cold Arc Welding of Gray Cast Iron Using a Granular Flux and Gray-Iron Electrodes, by A. I. Zelenov

RUSSIAN, per, Avto Delo, Vol XXIV, No 4, 1953, pp 7-9.

Brutcher Tr 3154

Scientific - Minerals/Metals
CTS/DEX Price $5.40

9285

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7

Manufacture of Electrodes for the Arc Welding of Aluminum and Aluminum Alloys, by L. V. Biryukova

RUSSIAN, per, Avto Delo, Vol XXIV, No 6, 1953, pp 25-26.

Brutcher Tr 3153

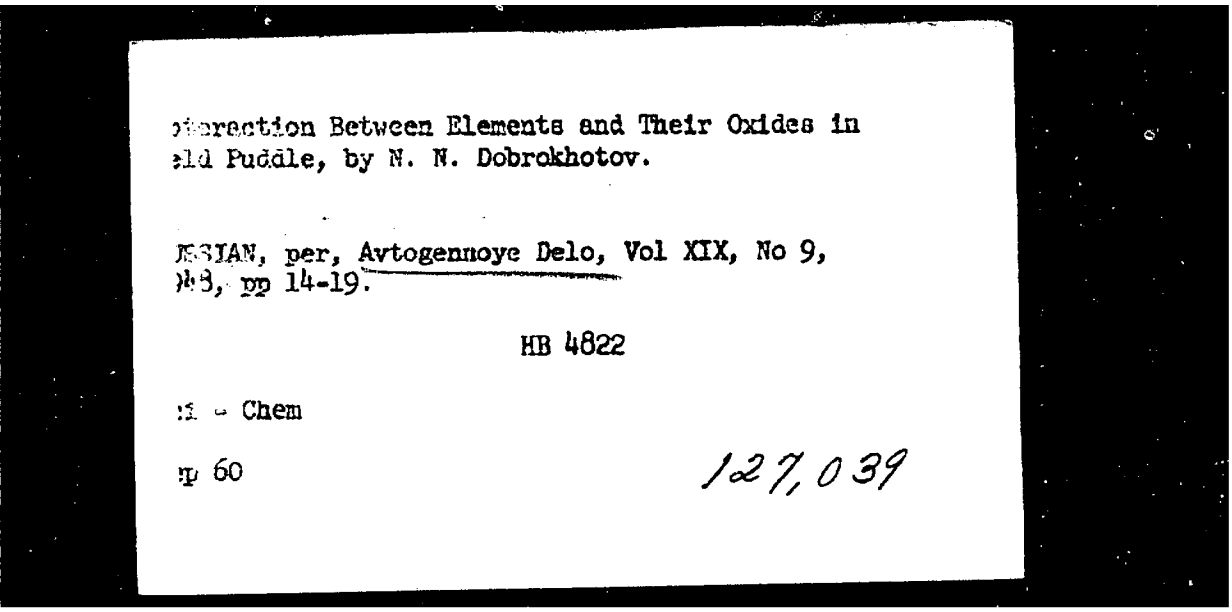
Scientific - Minerals/Metals
CTS/DEX

Price $100

7856

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7



Interaction Between Elements and Their Oxides in
Weld Puddle, by N. N. Dobrokhotov.

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1948, pp 14-19.

HB 4822

Mat - Chem

Sp 60

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RUSSIAN, bk, Avtoklav dlya Elektrokhimicheskikh Issledovanii, 1960, 9094546

AEC SCL-T-372

Sci - Chem
Dec 61

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The Welding of Steel Kh5M Tubes, by A. G. Mazel, L. S. Livshitz, M. Ya. Chushenkova,

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B.S.A Res Group
OT/1323

Sci - Engineering; ~~Mineralogy/Metals~~

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Weldability and Cracking Tendency in Welding, by Ya. S. Gintsburg.

RUSSIAN, per, Avto Delo, Vol XXIII, Feb 1952, pp 28-29.

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OT/1321

Sci - Engineering, [redacted]

30,971

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7

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Selfexcited Oscillations, by A. A. Kharkevich, 181 pp.
RUSSIAN, bk, Avtokolebaniya, Moscow, 1953, pp 1-170.
9691007-V

FTD-TT-63-748

Sci - Phys
Feb 64

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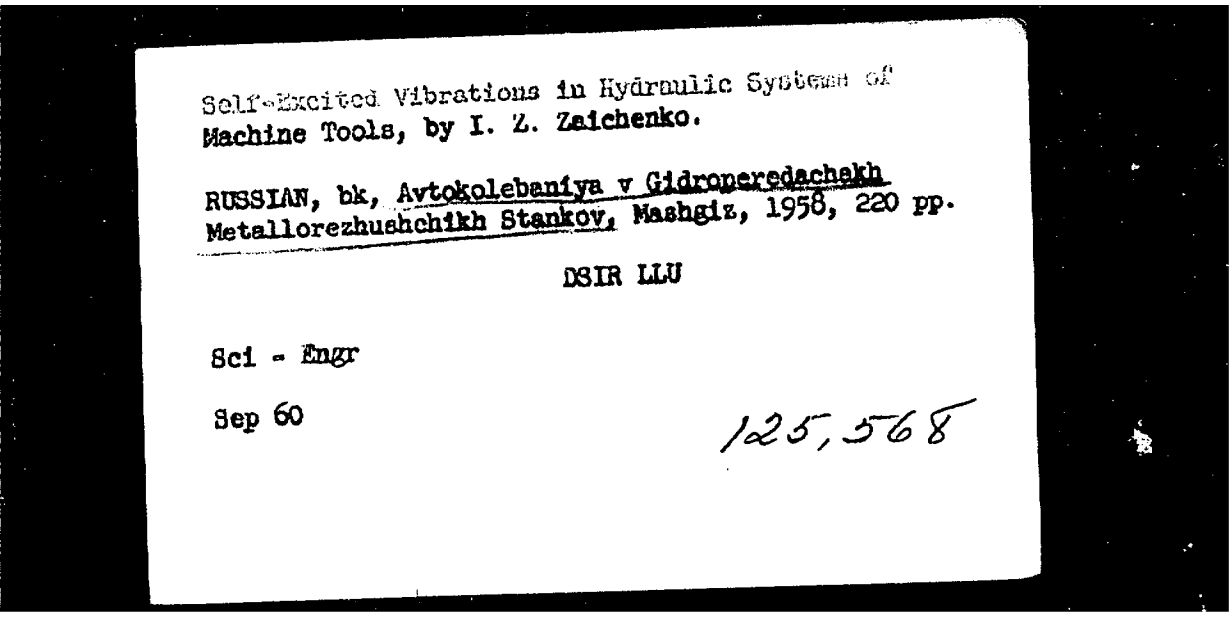

Self-Excited Vibrations in Hydraulic Systems of Machine Tools, by I. Z. Zaichenko.

RUSSIAN, bk, Avtokolebaniya v Gidroperedachakh Metallorezhushchikh Stankov, Mashgiz, 1958, 220 pp.

DSIR LLU

Sci - Engr

Sep 60

125,568

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The Oscillations of Rotors, by M. Ya. Kushul'.
RUSSIAN, bk, Avtokolebaniya Rotorov, Moscow,
1963, 168 pp.

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Sci - Phys
Feb 64

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RUSSIAN, bk, Avtokolebatel'nyye Sistemy, 1952,
271 pp.
ACSI J-3539
ID 2204049167

Sci/Phys
Mar 68

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APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7

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Road Surfacing of Pre-cast, Prestressed Reinforced Concrete, by B. I. Smolka. RUSSIAN, per, Avtom Dorogi, Vol 26, No 11, 1963, pp 9- 10
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NLL RTS 2745

Sci -
Jul 67 334,131

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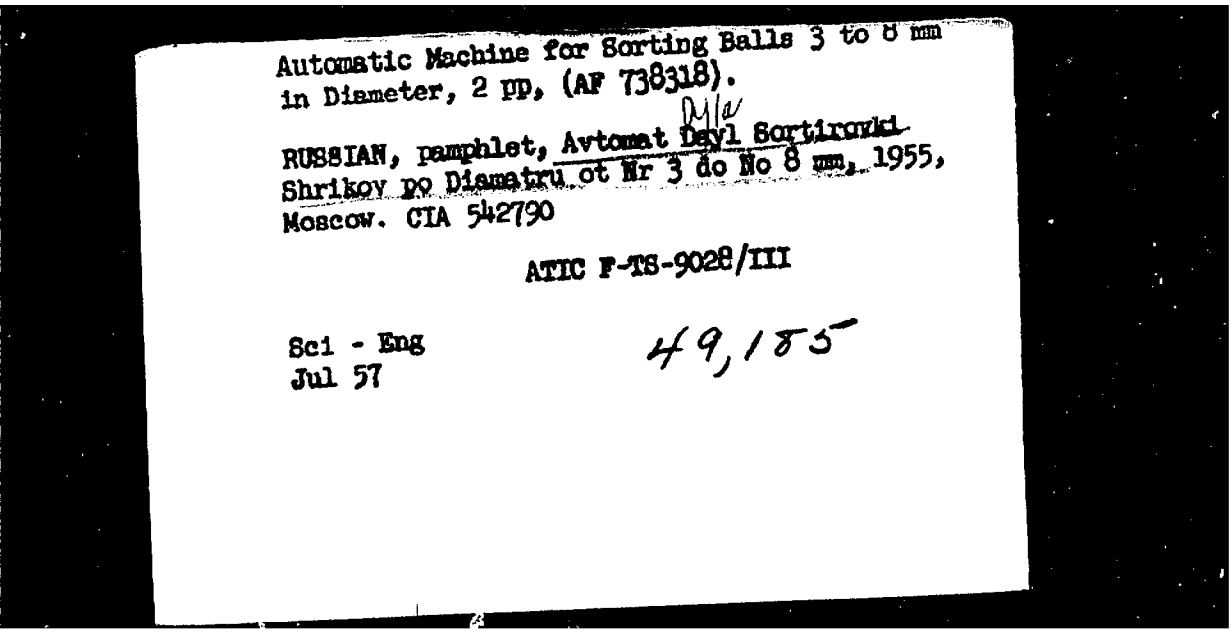

Automatic Machine for Sorting Balls 3 to 8 mm in Diameter, 2 pp, (AF 738318).

RUSSIAN, pamphlet, Avtomat Dlya Sortirovki Shrikov po Diametru ot Nr 3 do No 8 mm, 1955, Moscow. CIA 542790

ATIC F-TS-9028/III

Sci - Eng
Jul 57

49,185

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Sub-Machine Gunners, by P. Kus'michov, 6 pp.
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ACSI H-401CH

USSR

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Apr 60

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Recent Developments in Pneumatic Automation,
by Laszlo Helm.
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AEC-SC-T-65-764

Sci - Eng
Feb 66 295,473

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100280031-7

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The AB-50 Automatic Feathering Propeller, by K. N. Yegorov, L. N. Bogtev, 181 pp. Unclassified.

RUSSIAN, bk, Avtomaticheskiy Flyugernyye Vint AB-50, Moscow, 1954, 184 pp. CIA-2465

ATIC F-TR-9271/V

Sci - Aero

Jan 59

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(FDD 29304)

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CIA/FDD U-9108

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USSR
Sci - Eng
XXXX Oct 56

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AUTOMATIC MEASUREMENT OF COORDINATES, BY ARKADIY ALEKSEYEVICH KOROSTELEV, 86 PP

RUSSIAN, BK, AVTOMATICHESKOYE IZMERENIYE KOORDINAT, MOSCOW, 1961, PP 1-103.

JPRS 22384

SCI-ELECT

DEC 63

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comp 427/70
special 22 Aug 69

Automation of Chemical and Coke-Chemical Production, by N. Ya. Festa.
RUSSIAN, bk, Avtomatizatsiya Khimicheskikh i Koksokhimicheskogo Proizvodstv, 1958, Chater Headings and Subheadings, and the Captions for the Illustrations and Diagrams of book.

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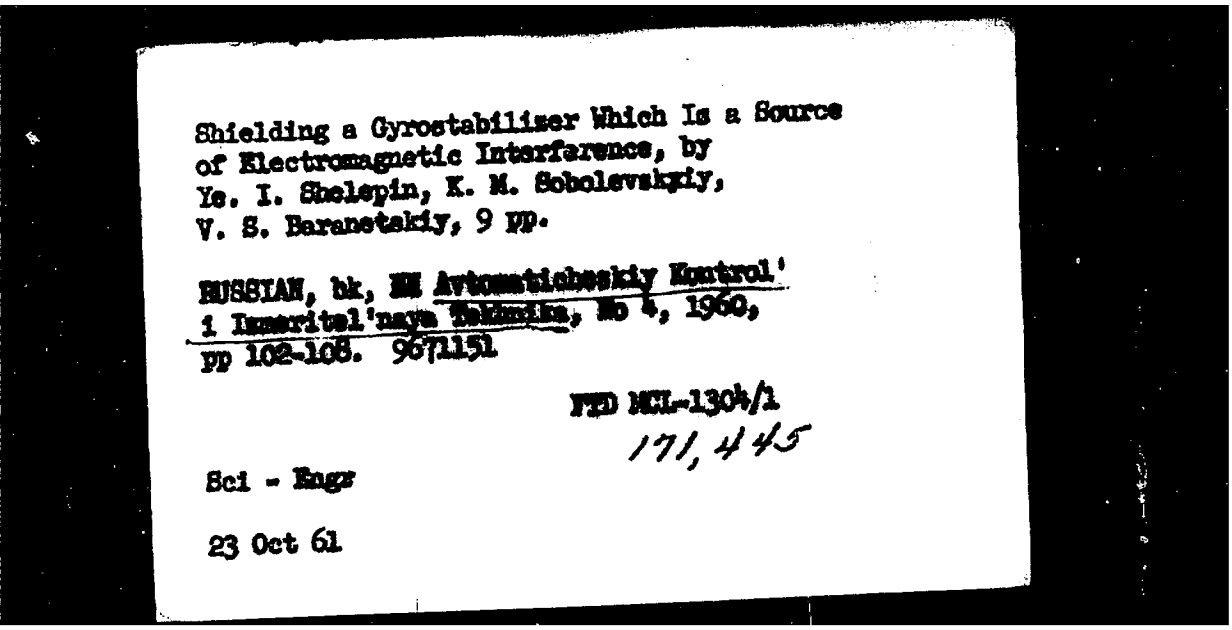

Shielding a Gyrostabiliser Which Is a Source of Electromagnetic Interference, by Ye. I. Shelepin, K. M. Sobolevskiy, V. S. Baranetskiy, 9 pp.

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FTD MCL-1304/1
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Sci - Engr

23 Oct 61

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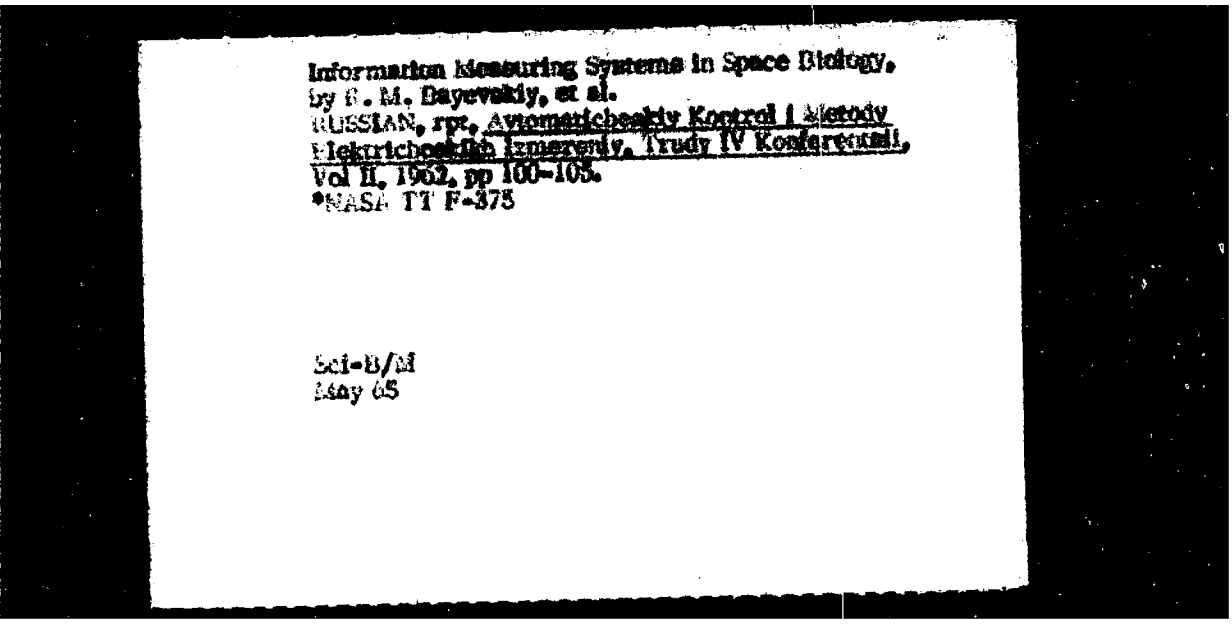

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*NASA TT F-375

Sci-B/M
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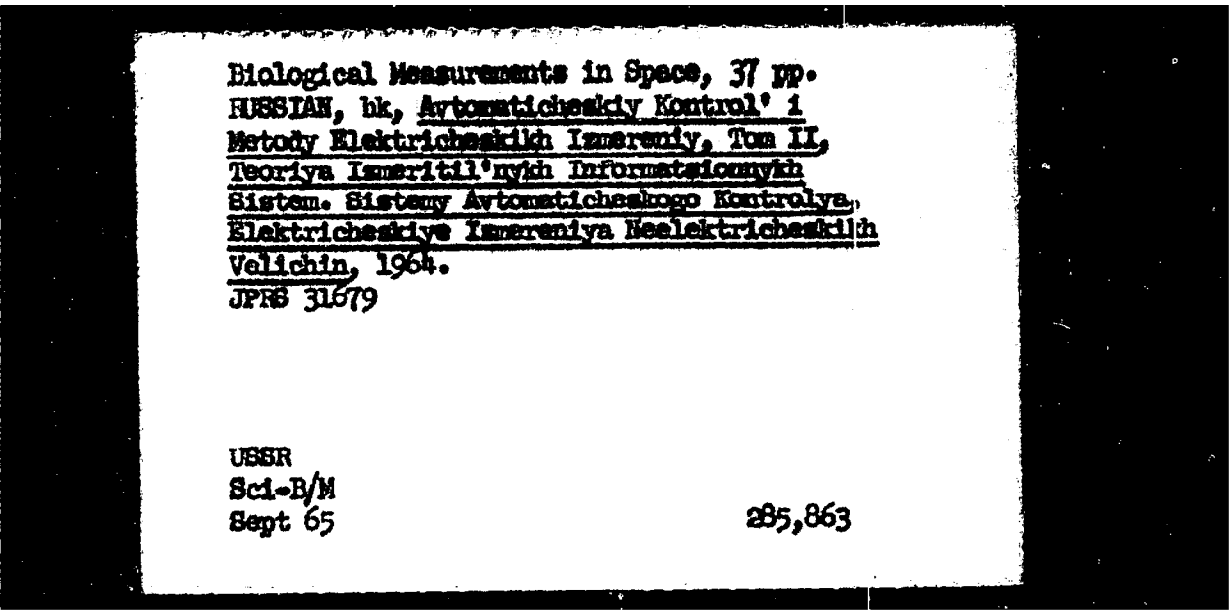

Biological Measurements in Space, 37 pp.
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Sept 65 285,863

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Automatic Control and Methods of Electric Measurements; Vol II - Theory of Data Processing Systems. Automatic Control Systems. Electric Measurement of Nonelectric Quantities, by K. B. Karandeyev.
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NASA TT F-384

Sci/Math & Data Processing
Jan 66 293,188

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*FTD HT 23-830-67

SciO-Elect
May 67

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R-106/60 (DC-4157)

Preface and Introduction of Russian Monograph on Automatic Measured, Controlling, and Regulating Instruments, by I. V. Butusov, 6 pp.

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JPRS 3887

USSR

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Sep 60

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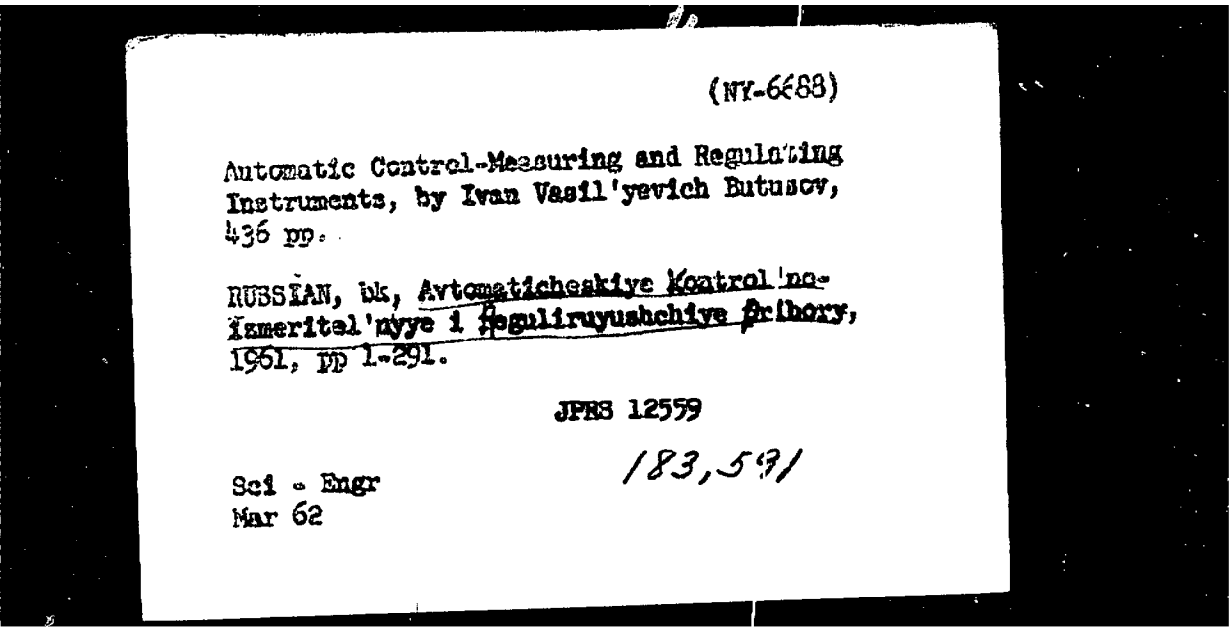

(NY-6688)

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RUSSIAN, bk, Avtomaticheskiye Kontrol'no-Izmeritel'nyye i Regulliruyushchiye Pribory, 1961, pp 1-291.

JPRS 12559

183,591

Sci - Engr
Mar 62

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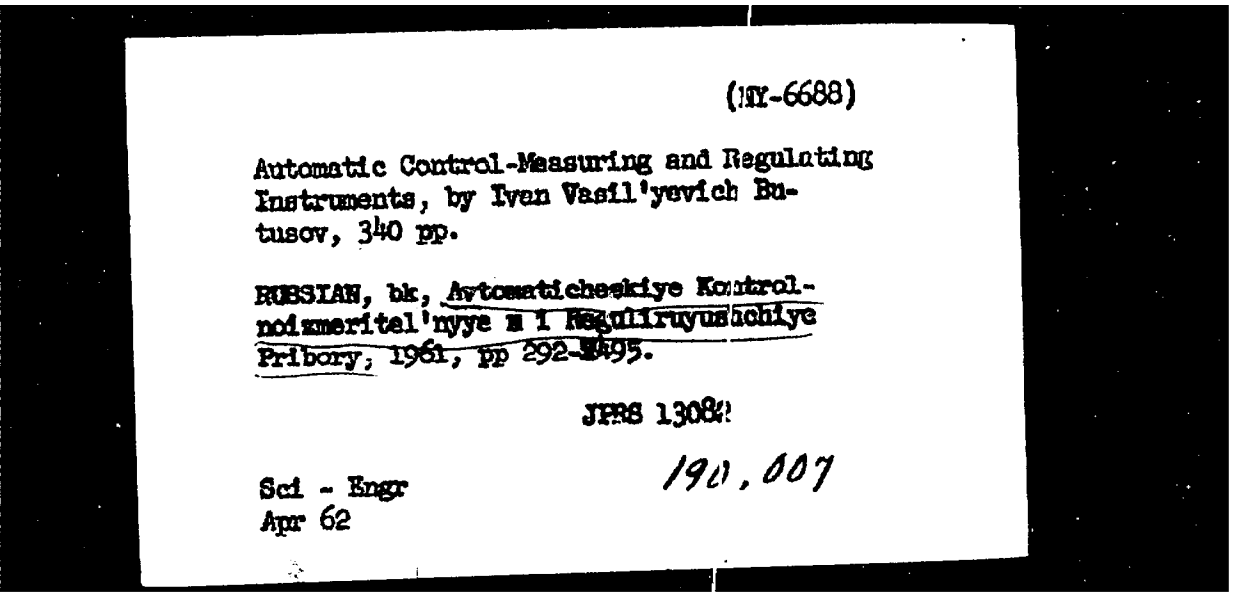

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JPRS 13084

Sci - Engr
Apr 62

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Automatic Controlled-Measuring and Regulating Devices (Automatic Checking Measuring and Adjusting Devices) by I. V. Butusov.

RUSSIAN, bk, Avomaticheskiye Kontrol'no-[illegible] Izmeritel'nyye i Reguliruyushchiye Pribory, (Izbanniye Tret'e Pererabotannoye i Bopolnennoye), Gostoplekhizdat, Leningrad, 1963, [illegible] 621 pp.

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Sci - Engr
Mar 64

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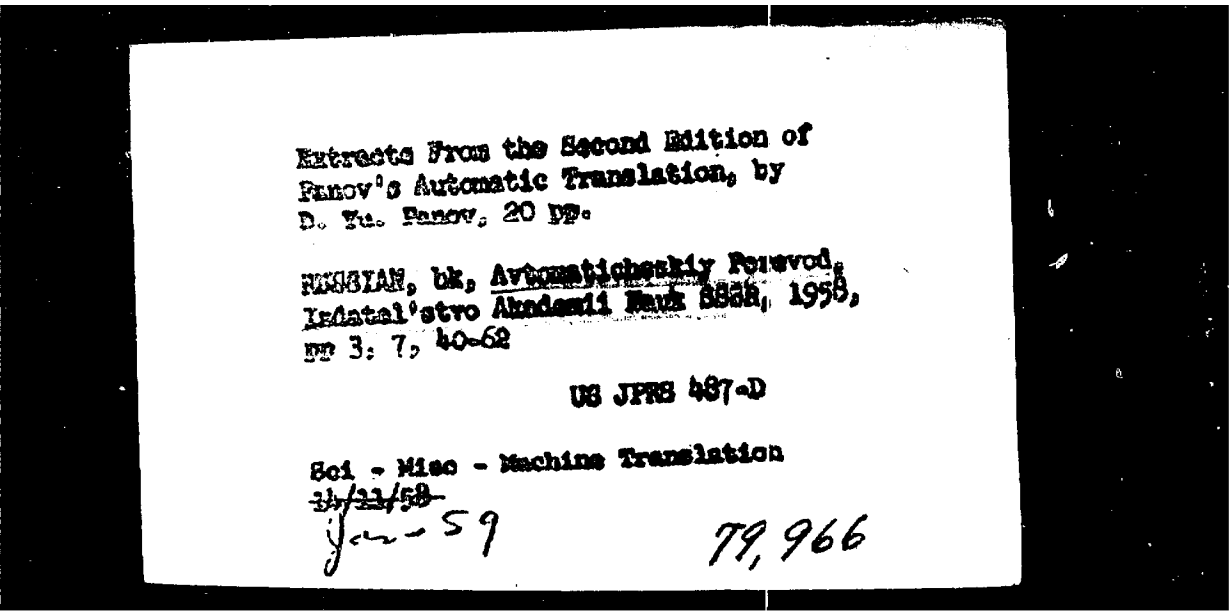

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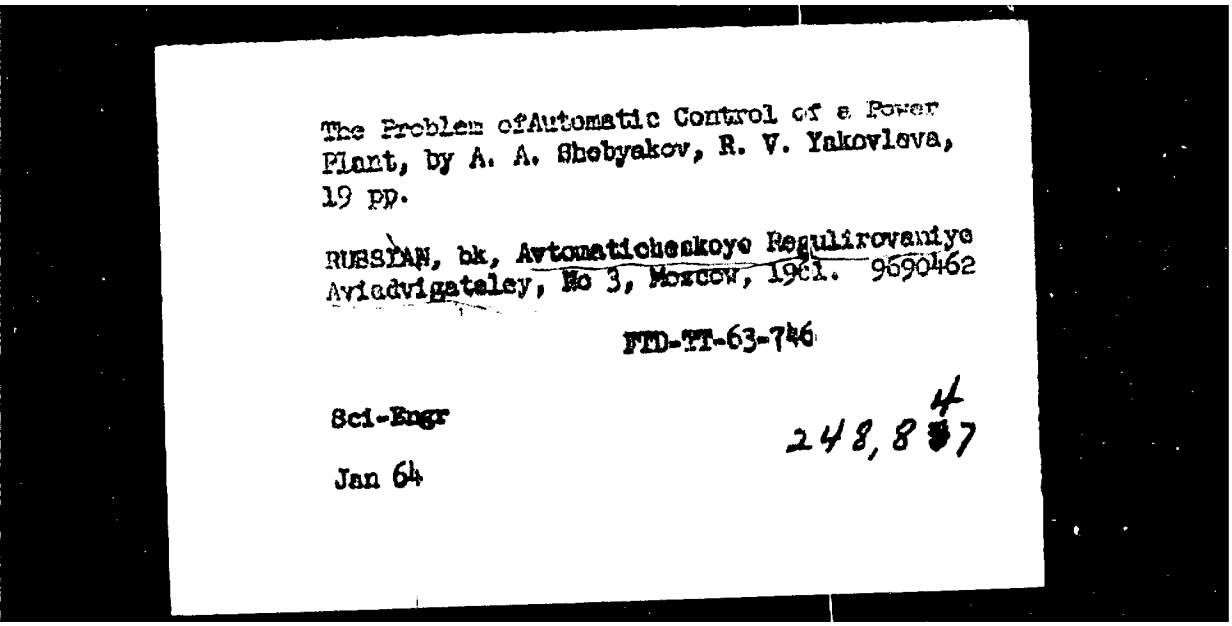

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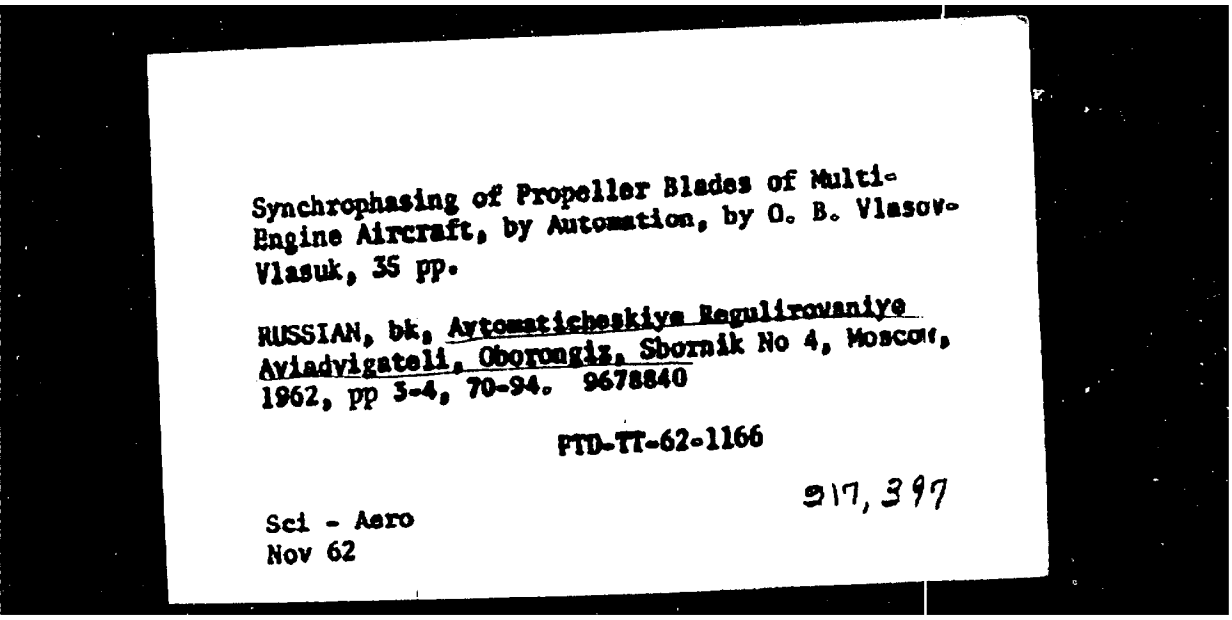

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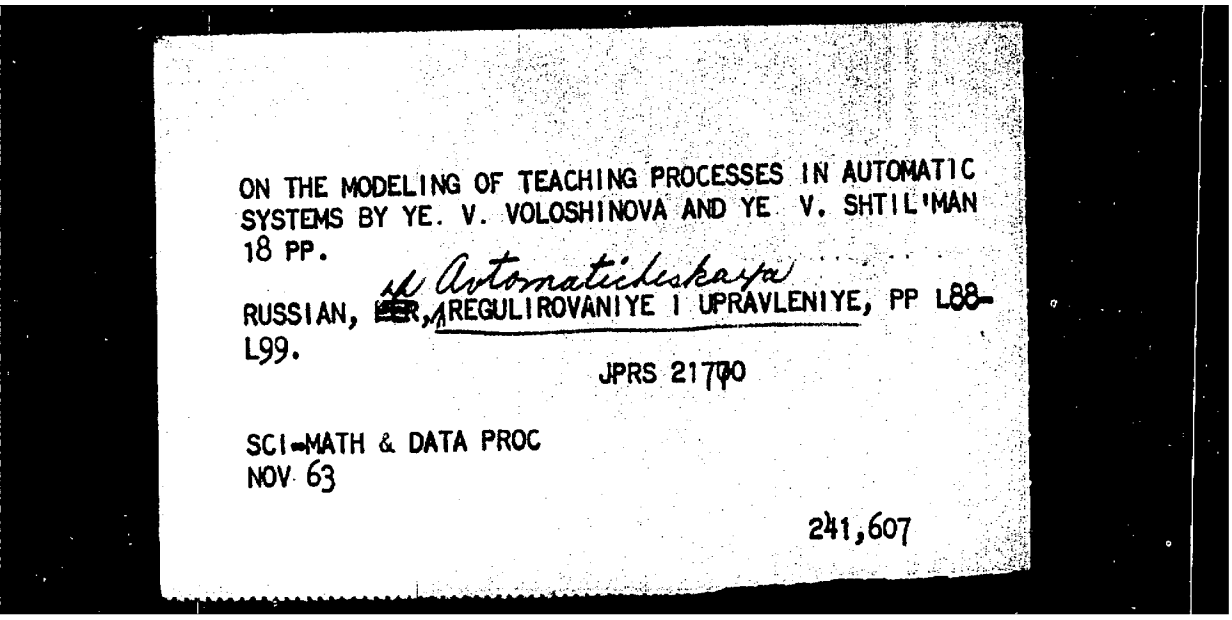

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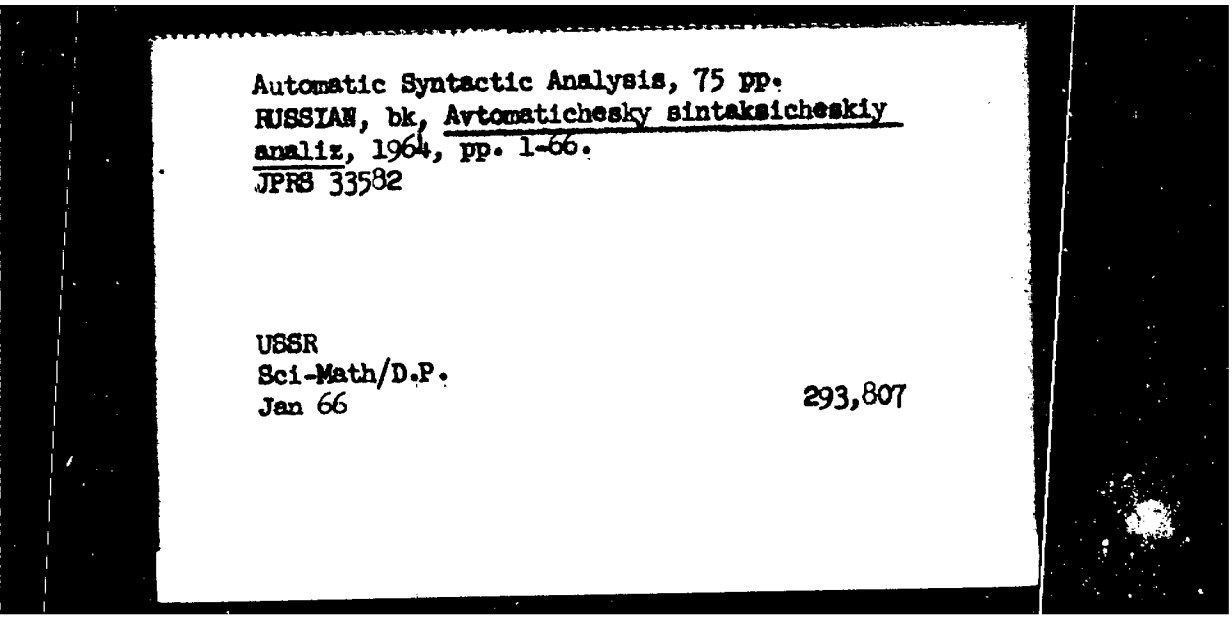

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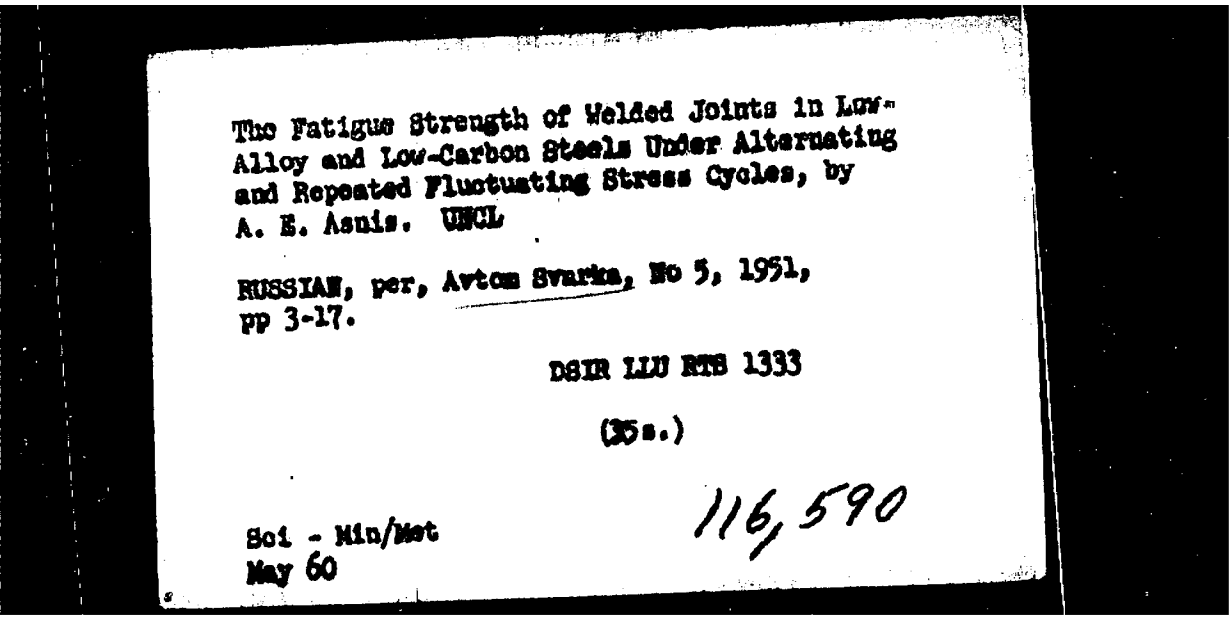

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THE PROBABILITY LAW OF OPERATION OF AUTOMATIC LINES AND INTERNAL STORAGE IN THEM. [1961] [59]p. 25 refs. [DSIR NLL] M. 1924.
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Trans. of Avtomatika i Telemekhanika (USSR) [1952] v. 13, no. 3, p. 227-281 (p. 243-246 condensed).

DESCRIPTORS: *Operations research, Industrial research, *Probability, *Industrial production, Storage, Automation.

This article deals with certain problems of the theory of automatic lines, their laws of operation and the application of these laws to the solution of certain problems associated with increasing the efficiency of the lines. The probability law of operation of automatic lines is found. The problem of the most suitable num- (Machinery--Manufacturing, TT, v. 7, no. 9) (over)

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Experimental Research on the Effect of Residual Stresses on the Endurance of Welded Joints Under Vibrationary Loading, by V. V. Shevernitskiy, V. I. Trufyakov. UNCL

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